

Official

RECEIVED
6-2-03

AMENDMENTS TO CLAIMS

Claims 1-14 (canceled).

Claim ¹¹5. (re-presented - formerly dependent claim 2) A method implemented on a user interface incorporated in a computer system coupled with a scanner for performing a scan operation on an original document, the computer system running a scanner driver and an application program; the method comprising the steps of:

determining a set of image processing settings required for the original document by a scanner driving program;

obtaining a primitive scanned image in a manner that the scanner uses image processing settings through the scanner driving program;

performing an image-enhancement process on the primitive scanned image, wherein the image-enhancement process includes an automatic cutting routine; and

obtaining a final image by the image-enhancement process, wherein the final image is transferred to the application program.

Claim ²16. (re-presented - formerly dependent claim 3) A method implemented on a user interface incorporated in a computer system coupled with a scanner for performing a scan operation on an original document, the computer system running a scanner driver and an application program; the method comprising the steps of:

determining a set of image processing settings required for the original document by a scanner driving program;

obtaining a primitive scanned image in a manner that the scanner uses image processing settings through the scanner driving program;

performing an image-enhancement process on the primitive scanned image, wherein the image-enhancement process includes a distortion correction routine; and

obtaining a final image by the image-enhancement process, wherein the final image is transferred to the application program.

Claim 1/³ (re-presented - formerly dependent claim 4) A method implemented on a user interface incorporated in a computer system coupled with a scanner for performing a scan operation on an original document, the computer system running a scanner driver and an application program; the method comprising the steps of:

B1
CONT
determining a set of image processing settings required for the original document by a scanner driving program;

obtaining a primitive scanned image in a manner that the scanner uses image processing settings through the scanner driving program;

performing an image-enhancement process on the primitive scanned image, wherein the image-enhancement process includes a color calibration routine; and

obtaining a final image by the image-enhancement process, wherein the final image is transferred to the application program.

Claim 1/⁴ (re-presented - formerly dependent claim 5) A method implemented on a user interface incorporated in a computer system coupled with a scanner for performing a scan operation on an original document, the computer system running a scanner driver and an application program; the method comprising the steps of:

determining a set of image processing settings required for the original document by a scanner driving program;

obtaining a primitive scanned image in a manner that the scanner uses image processing settings through the scanner driving program;

performing an image-enhancement process on the primitive scanned image, wherein the image-enhancement process includes an automatic character recognition routine; and

obtaining a final image by the image-enhancement process, wherein the final image is transferred to the application program.

1/5 (re-presented – formerly dependent claim 9) A user interface for a scanner, comprising:

a scanner, for scanning an original document to an image data;

a computer system, for storing and processing the image data from the scanner;

a scanner driving program, for driving the scanner and then performing an image-enhancement process on the image data stored in the computer system;

an application program, for receiving a final image processed by the image-enhancement process, wherein a method implemented on the user interface comprising the steps of:

determining a set of image processing settings required for the original document by a scanner driving program;

obtaining a primitive scanned image in a manner that the scanner uses image processing settings through the scanner driving program;

performing an image-enhancement process on the primitive scanned image, wherein the image-enhancement process includes an automatic cutting routine; and

obtaining a final image by the image-enhancement process, wherein the final image is transferred to the application program.

20. ¹⁶ (re-presented – formerly dependent claim 10) A user interface for a scanner, comprising:

a scanner, for scanning an original document to an image data;

a computer system, for storing and processing the image data from the scanner;

a scanner driving program, for driving the scanner and then performing an image-enhancement process on the image data stored in the computer system;

an application program, for receiving a final image processed by the image-enhancement process, wherein a method implemented on the user interface comprising the steps of:

determining a set of image processing settings required for the original document by a scanner driving program;

obtaining a primitive scanned image in a manner that the scanner uses image processing settings through the scanner driving program;

performing an image-enhancement process on the primitive scanned image, wherein the image-enhancement process includes a distortion correction routine; and

obtaining a final image by the image-enhancement process, wherein the final image is transferred to the application program.

21. ¹⁷ (re-presented – formerly dependent claim 11) A user interface for a scanner, comprising:

a scanner, for scanning an original document to an image data;

a computer system, for storing and processing the image data from the scanner;

a scanner driving program, for driving the scanner and then performing an image-enhancement process on the image data stored in the computer system;

an application program, for receiving a final image processed by the image-enhancement process, wherein a method implemented on the user interface comprising the steps of:

determining a set of image processing settings required for the original document by a scanner driving program;

obtaining a primitive scanned image in a manner that the scanner uses image processing settings through the scanner driving program;

performing an image-enhancement process on the primitive scanned image, wherein the image-enhancement process includes a color calibration routine; and

obtaining a final image by the image-enhancement process, wherein the final image is transferred to the application program.

2/2.8 (re-presented - formerly dependent claim 12) A user interface for a scanner, comprising:

a scanner, for scanning an original document to an image data;

a computer system, for storing and processing the image data from the scanner;

a scanner driving program, for driving the scanner and then performing an image-enhancement process on the image data stored in the computer system;

an application program, for receiving a final image processed by the image-enhancement process, wherein a method implemented on the user interface comprising the steps of:

determining a set of image processing settings required for the original document
by a scanner driving program;

obtaining a primitive scanned image in a manner that the scanner uses image
processing settings through the scanner driving program;

BI
only
performing an image-enhancement process on the primitive scanned image,
wherein the image-enhancement process includes an automatic character recognition
routine; and

obtaining a final image by the image-enhancement process, wherein the final
image is transferred to the application program.